

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043155.D
 Acq On : 16 Apr 2021 05:22
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 VSTD005138

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 10:22:17 AM

Quant Time: Apr 16 07:19:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 07:14:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	81676	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	85729	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	44524	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	20617	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.919	69	18885	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.572	65	12925	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.60%
20) 2-Butanone-d5	4.645	46	109328m	60.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.04%
24) Chloroform-d	5.073	84	57315	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.713	65	35820	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.735	84	99015	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.700	67	32903	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.906	98	95463	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloroprop...	8.189	79	13686	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.645	63	74949	51.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.82%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	32657	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	39333	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	28190	5.38	ug/L	100
3) Chloromethane	1.523	50	26885	5.22	ug/L	99
5) Vinyl chloride	1.607	62	27541	5.13	ug/L	99
6) Bromomethane	1.861	94	16056	5.01	ug/L	99
8) Chloroethane	1.938	64	18078	4.68	ug/L	100
9) Trichlorofluoromethane	2.144	101	51205	5.12	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	28181	5.22	ug/L	95
12) 1,1-Dichloroethene	2.588	96	24622	5.42	ug/L	79
13) Acetone	2.652	43	70714m	52.83	ug/L	
14) Carbon disulfide	2.800	76	60545	5.23	ug/L	98
15) Methyl Acetate	2.957	43	14170	5.63	ug/L	# 84
16) Methylene chloride	3.054	84	30477	5.19	ug/L	81
17) Methyl tert-butyl Ether	3.372	73	76190	5.13	ug/L	# 92
18) trans-1,2-Dichloroethene	3.363	96	26017	5.37	ug/L	91
19) 1,1-Dichloroethane	3.880	63	55292	5.25	ug/L	97
21) 2-Butanone	4.723	43	121292m	54.91	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	29816	5.20	ug/L	88
23) Bromochloromethane	4.983	128	14059	5.38	ug/L	# 74
25) Chloroform	5.099	83	60250	5.36	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	43824	5.32	ug/L #	95
29) 1,1,1-Trichloroethane	5.324	97	51954	4.91	ug/L	94
30) Cyclohexane	5.398	56	42741	4.71	ug/L	87
31) Carbon tetrachloride	5.536	117	43827	4.97	ug/L	100
33) Benzene	5.784	78	115004	5.01	ug/L	100
34) Trichloroethene	6.552	95	30090	4.77	ug/L	95
35) Methylcyclohexane	6.771	83	39160	4.48	ug/L	91
37) 1,2-Dichloropropane	6.800	63	32713	5.07	ug/L #	96
38) Bromodichloromethane	7.115	83	43375	5.01	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	43178	4.58	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	320455	55.50	ug/L #	83
42) Toluene	7.977	91	127108	4.96	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	41645	4.69	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	25444	5.28	ug/L	95
47) Tetrachloroethene	8.562	164	23968	4.79	ug/L	95
48) 2-Hexanone	8.694	43	242118	56.99	ug/L #	82
49) Dibromochloromethane	8.819	129	31162	5.12	ug/L	96
50) 1,2-Dibromoethane	8.931	107	24557	5.12	ug/L	93
51) Chlorobenzene	9.456	112	82308	5.04	ug/L	93
52) Ethylbenzene	9.578	91	142275	4.85	ug/L	97
53) m,p-Xylene	9.700	106	52013	4.85	ug/L	86
54) o-Xylene	10.108	106	51080	4.81	ug/L	93
55) Styrene	10.121	104	90912	4.99	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.790	83	34403	5.43	ug/L	96
59) Bromoform	10.298	173	19951	5.48	ug/L	97
60) Isopropylbenzene	10.491	105	143864	5.04	ug/L	97
61) 1,2,3-Trichloropropane	10.832	75	25832	5.62	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	117005	5.01	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	119612	4.98	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	68954	5.08	ug/L	99
65) 1,4-Dichlorobenzene	11.845	146	68718	5.00	ug/L	95
67) 1,2-Dichlorobenzene	12.221	146	67775	5.15	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	5999	5.36	ug/L	94
69) 1,3,5-Trichlorobenzene	13.227	180	53353	4.80	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	45172	4.90	ug/L	97
71) Naphthalene	14.095	128	78890	5.08	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	42723	5.06	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

